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THE FOURTEENTH ANNUAL REPORT

OF

THE COMMITTEE

OF THE

BRADFORD MECHANICS' INSTITUTE,

OR,

Society for the Acquisition of Useful Knowledge.

PRESENTED JANUARY 30, 1846.

When we take a survey of the world in which we live, it is impossible not to be struck with the marks of progress in almost every department. All the world appears to be pressing forward. "Old things are passing away, all things are becoming new." And much as some grumblers may carp at the changes, loud as may be their railings at the times and the manners, your Committee cannot but think, that in this progression there has been great improvement. They think, that the leisure hours of the operative are more profitably spent in the Reading Room, Class Room, or Lecture Room of the Institute, than they would be, if devoted to the witnessing of the Old English Pastimes of Bull baiting, or Cock fighting. They think, that a little learning may make a young man a more valuable member of society, and that the happiness of the community is rather increased, than endangered, by his being able to acquire that little. They think, that sound knowledge can never be dangerous to society, and that the spirit of inquiry which is now abroad, will prevent the spread of any opinions which will not bear the test of Scripture and sound reason. With these convictions, your Committee were led to interest themselves in Mechanics' Institutions, as amongst the many means their native country affords for the diffusion of knowledge; and holding them more and more tenaciously, as year after year gives evidence of their soundness, it is with pleasure they meet you to-night, with a favourable statement of the operations of the Institute during the past year. And first as to numbers. It will be matter for congratulation, that their constituency is greater than it ever was before, being:—

86 Life Members, 82 Members, and 710 Subscribers.

In the quarter just ended, 51 have declined, principally on account of want of work; but, in their place, 78 have subscribed for the first time.

In the early part of 1845 extensive alterations were made in the building, which was afterwards thoroughly cleansed and decorated. This has entailed heavy expenses which have not been met by the extraordinary subscriptions, and, consequently, the debt is increased. Your Committee, however, are by no means desponding on this account, as it is admitted on all hands, that it has made the Institute more attractive.

These alterations were scarcely completed on the 4th of September, when the meeting of the West Riding Union of Mechanics' Institutes was held, (for the first time in Bradford,) presided over by that distinguished advocate of Education, Thos. Wyse, Esq. M. P. and attended by delegates from various Towns in the district. The Gentlemen present on that occasion, all expressed themselves much pleased with your Lecture Room, which has since been occupied by a series of Weekly Concerts. These are believed to have been a source of great attraction, and although the receipts from them have not equalled the expenditure, your Committee cannot regret the experiment.

Your Committee have to acknowledge, that they have not been able to secure so many Lectures as they could have desired; but one apology is apparent, in the length of time occupied by the

alterations in the Building, and another, in the attention required to arrange for the Concerts.

The following is a List of Lectures delivered during the year:—

One by Mr. Fowler, on Montgomery's Poetry.

Six by Mr. Ross, on Elocution.

One by Mr. Greenbank, on the same subject.

And one by your President, the Rev. J. Acworth, A. M. on the connexion between the Moral and Economic well-being of Society.

Your Committee are happy in being able to state that they have promises from numerous gentlemen in the town, to give Lectures on various subjects, during the year which has now commenced.

The additions to the Library since last Report consist of 160 volumes; besides 61 volumes of Parliamentary Reports, kindly presented by W. Busfeild, Esq., 4 volumes presented by the Health of Towns Commission, 3 by Mr. Alexander Smith, and 1 by Mr. J. H. Morton, Civil Engineer, and the Publications of the Peace Society. To all of these gentlemen, your Committee have tendered thanks in your behalf.

To the Museum they have received the following donations, and have tendered similar thanks to the Donors.

Mr. Ridley, Plumber, certain Chemical apparatus.

Mr. Ratcliffe, Engraver, a fine Chamelion.

Rev. J. H. Ryland, Sundry Geological Specimens.

The most flourishing of your classes are now to be noted. And first in importance and efficiency is,

The Writing and Arithmetical Class under the care of Mr. Clough, the report of which is more satisfactory than on any previous occasion. It has had as many as 91 Pupils in attendance on the same evening, and the average attendance during last quarter has been 69. Some of the pupils are now studying the higher branches of the Mathematics, and two of them have become contributors to the Juvenile Mathematical department of the York Courant, and are now engaged, with some probability of success, in the solution of the Prize Problem of 1846.

The Drawing Class, under the tuition of Mr. Richardson, has not succeeded to the full extent of your sanguine expectations, but still affords encouragement to perseverance. Specimens of the work of its pupils adorn the walls of the room in which you are now assembled, and are creditable both to the young artists and their teacher. Mr. Richardson thinks the class would be more attractive, and certainly more useful, could we secure, either by donation or purchase, Casts and Models, so that the boys might imitate originals instead of copies. The number of Pupils at present is only 14, about the same as it has stood for the three past years.

The French and German Classes now only number 11 Pupils; Mr. Borissow in his Report, states, that "though the number is small, he has the satisfaction to report that the attendance of pupils is very regular, and their progress highly creditable."

The Chemical Class, at the date of last Report, was inanimate, but your Committee feeling its importance, encouraged its resuscitation, by a grant of £10. towards the engagement of a Teacher. Mr. Huggan, who has the charge of a similar Class in Leeds and at Wakefield, has been engaged to visit the Institute one evening weekly. There are 19 members in the Class, who pay 2s. 6d. entrance, and 3s. 6d. monthly in advance, and have the necessary apparatus and chemicals provided for practising at home the various experiments performed by Mr. H. in the Class. The earnestness of the individuals composing this Class is clearly indicated by the fact that hitherto there has never been more than one member absent.

The Mutual Improvement and Grammar Classes are both at present in a state of suspended animation, but your Committee would recommend their successors to encourage their revival.

The Reading Room has been very well attended, but with regard to this, as well as the free Admission to Concerts, your Committee are under the painful necessity of reporting that the conduct

of some of the junior subscribers has been such that they have felt it necessary to give notice that parties who do not know so much of good breeding as to abstain from actions which drive away the more respectable portion of the readers and hearers, will be deprived of their tickets whenever detected: and they would recommend it to the serious consideration of this meeting, whether a subscriber expelled for bad conduct, should not also be declared ineligible for re-election.

In conclusion, your Committee present a statement of the Cash Account of the recent alterations, including the expenses of the Concerts. The accounts are many of them unpaid, owing to the want of Funds. Thanks are due to several parties who have been actively engaged on the Sub-Committees, which you will doubtless be ready to render this evening. To one individual, Mr. Schlesinger, however, you are under special obligations, inasmuch as, though not a member of the Institute, he has most efficiently presided at the Piano at most of the Concerts, and your Committee cannot close this report without a special expression of their gratitude for his kindness.

CASH ACCOUNT OF ALTERATIONS AND CONCERT COMMITTEE.

Dr.	£.	s.	d.
To Cash voted by General Committee	40	0	0
Cash from J. Farrar, balance of three Concerts, given in 1844, towards altering the Lecture Room, after payment of the alteration of the Front Seats	9	15	0
Sundry Donations, for which see List attached	272	6	0
Cash received for Tickets sold	7	15	0
Do. at the Doors	61	3	8
Balance deficient	229	17	10
	£620	17	6

Cr.	£.	s.	d.
By B. & T. Illingworth, Joiners	138	4	2
John Rhodes, Whitesmith	13	7	0
Joseph and John Wood, Plasterers	26	19	10
Hill & Co., for Slating	1	0	6
James Keighley, Plumber, Glazier, and Gas Fitter	49	12	10
Edward Harland, Painter	113	0	2
Thomas Mills, Upholsterer & Paper Hanger	68	8	6
C. D. Hackett, for Piano Forte	92	0	0
Payments to Performers, and for Tuning Piano Forte	66	17	0
Refreshments for Performers	8	19	0
Burton for copying Music	2	9	9
Blackburn for Bishop's Glees	5	0	0
Printing and Advertising Concerts,	34	18	9
	£620	17	6

COMMITTEE OF MANAGEMENT FOR 1846.

PRESIDENT.

REV. J. ACWORTH, A. M.

VICE PRESIDENTS.

HENRY LEAH, Esq.
REV. W. SCOTT,
THOS. BEAUMONT. Esq.
SAMUEL LAYCOCK, Esq.

TREASURER.

WM. MURGATROYD. Esq,

HONORARY SECRETARIES.

JOSEPH FARRAR.
JOHN DALE.

DIRECTORS.

MR. NATHANIEL BRIGGS,
,, HENRY BROWN,
,, J. A. COOPER,
,, SQUIRE FARRAR,
,, WM. FISON,
,, W. E. FORSTER,
,, WILLIAM GERMAN,
,, JOHN V. GODWIN,
MR. EDWARD HARLAND,
,, BENJN. HARRISON,
,, WM. LYTHALL,
,, JOHN RAWSON,
,, V. ROCHFORT,
REV. J. H. RYLAND,
MR. SAMUEL SMITH,
,, WALTER SCOTT, JUN.
MR. GEORGE TAYLOR.

CASH ACCOUNT,

FROM JANUARY 1st. TO DECEMBER 31st, 1845.

	£.	s.	d.
To Balance in the Bank, January 1st	37	19	6
Life Members' Tickets	15	15	0
Members' Tickets	1	10	0
Subscriptions and Fines	221	18	6
Fines from the Library	11	3	9
Admission to Lectures	1	17	6
Use of the Rooms and Piano Forte, Fire, Light, and attendance	60	3	3
Sale of Catalogues	9	11	0
For broken square of glass	0	2	10
Two wooden pillars used at the Exhibition	1	10	0
Interest allowed by the Bank	2	3	6
Balance due to the Bank	20	15	10
Total	£384	10	8

	£.	s.	d.
By Booksellers and Printers' Accounts	98	11	3
Bookbinders' ditto.	9	13	5
Advertising Account	4	18	6
One Year's Interest on Mortgage	36	8	2
Insurance on Building and Stock	4	1	3
Sub-Committee for altering Dome, and purchase of Piano Forte, £20 to each voted by Committee of 1844	40	0	0
Subscription to West Riding Union of Mechanics' Institutes	1	0	0
Expenses of Music at Annual Meeting of ditto	1	10	0
Librarian's Salary and perquisites	43	6	4
Writing and Arithmetical Class Master's Salary	10	0	0
Chemical Class on account of £10 voted by Committee	3	0	0
Lectures. Simpson, £5. Greenbank, £3 3s. 0d.	8	3	0
Plumber, Glazier, Tinner, Ironmonger, &c. as per bills	8	15	7
Chessboard, Table, Frame, and gilding of Picture Frame	4	0	6
Coal, Candle, and Gas bills	26	8	7
Joiner's Work	10	16	0
Petty Expenses as per Book	8	9	6
Brayshaw Stone Mason for steps in front of Building	19	0	0
Illingworth on account of Gallery voted June 10th	20	0	0
Ditto. for Balance of ditto	25	10	0
Expenses at the Bank	0	18	7
Total	£384	10	8

Audited and found correct by us,

WILLIAM BRAY,
JOHN WHITE.
EDWARD PARKINSON.

LIST OF SUBSCRIPTIONS

TOWARDS

THE RECENT ALTERATIONS.

	£.	s.	d.
Henry Leah Esq.	50	0	0
Titus Salt, Esq.	20	0	0
Robert Milligan, Esq.	20	0	0
C. H. Dawson, Esq.	10	0	0
B. Harrison, Esq.	10	0	0
Samuel Smith, Esq.	10	0	0
Thomas Smith, Esq.	10	0	0
W. Murgatroyd, Esq.	10	0	0
H. W. Ripley, Esq.	10	0	0
R. Monies, Esq.	10	0	0
N. Briggs, Esq.	10	0	0
Henry Forbes, Esq.	10	0	0
J. V. Godwin, Esq.	10	0	0
Henry Brown, Esq.	5	0	0
George Rogers, Esq.	5	0	0
Daniel Illingworth, Esq.	5	0	0
James Ellis, Esq.	5	0	0
John Priestman, Esq.	5	0	0
George Taylor, Esq.	5	0	0
George Armitage, Esq.	3	3	0
Wm. Lythall, Esq.	3	0	0
James Rennie, Esq.	3	0	0
Thomas Beaumont, Esq.	3	0	0
John Hardy, Esq. M. P.	2	2	0
Wm. Cheeseborough, Esq.	2	2	0
Harrison Milligan, Esq.	2	2	0
Samuel Schuster, Esq.	2	2	0
W. Holdsworth, Esq.	2	2	0
G. G. Tetley, Esq.	2	2	0
Joseph Farrar, Esq.	2	2	0
Henry Farrar, Esq.	2	2	0
John Rawson, Esq.	2	2	0
Messrs. Semon, Siltzer, & Co.	2	2	0
Carried forward	£253	3	0

	£.	s.	d.
Brought forward	253	3	0
Thomas Haigh, Esq.	2	2	0
Thomas Aked, Esq.	2	0	0
Swithin Anderton, Esq.	2	0	0
Mr W. German	1	1	0
Mr. W. Whitaker	1	1	0
Mr. J. Carter	1	1	0
Mr. J. Lamb	1	0	0
Mr. W. E. Glyde	1	0	0
Mr. John Dale	1	0	0
Mr. Edward Allen	1	0	0
Mr. J. Cummins	1	0	0
Mr. John Hartley	0	10	6
Mr. Wm. Holmes	0	10	6
Mr. W. Scott	0	10	6
Mr. John Ackroyd	0	10	0
Mr. Alex. Smith	0	10	0
Mr. J. Hammond	0	5	0
Mr. Geo. Wood	0	5	0
Mr. Wm. Varey	0	5	0
Mr. Robert Gourlay	0	5	0
Mr. J. Sowden	0	5	0
Mr. S. Farrar	0	5	0
Mr. J. Lund	0	2	6
Mr. A. Smith	0	2	6
Mr. J. Hopkinson	0	2	6
Mr. S. Craven	0	2	6
Mr. R. Rushton	0	2	6
Mr. John Mitchell	0	2	0
Mr. J. Thompson	0	1	0
Mr. T. R. Barrons	0	1	0
Voted by Committee extra	20	0	0
	£272	6	0

ADDITIONS TO THE LIBRARY

SINCE THE PUBLICATION OF THE CATALOGUE.

698 Andrews's Progressive Drawing Book of Flowers.
1737 Arnold's (Dr. Thos.) Life and Correspondence. 2 vols
1917 Blanc's (Louis) History of the Ten Years. 1830-40. 2 vols.
1326 Barrow's (Sir John) Life of Lord Anson.
2150A Book of Notable Things.
4879 Borrow's Gypsies in Spain.
3039 Carpenter's (Dr. W. B.) Animal Physiology. 8vo.
Carlyle's Cromwell. 2 vols. 8vo.
3064 Chambers's Miscellany. 8 vols.
669 Cooper's Sketches from Nature.
Cooper's Novels.
3468 Lionel Lincoln.
3778A The Pilot.
3469 Red Rover.
4878 Dickens's Cricket on the Hearth.
1504 .. Humphrey's Clock. 3 vols.
.. Pickwick Papers.
1403 Domestic Economy. 2 vols. 8vo.
2345 Ellis's Mothers of England. 8vo.
4877 Edgeworth's (Miss) Castle Rackrent &c.
2291 French in Algiers.
2993 Guizot's History of the English Revolution of 1640.
5180 Georgian Era. 4 vols.
Hamilton's (Dr. R. W.) Essay on Popular Education
3460 Heber's Indian Journal. 2 vols.
History of Kirkstall Abbey and Guide to the city of York
452 Hogg's Weekly Instructor.
Humbolt's Cosmos. Vol. 1.
699 Johnstone's (Mrs.) Edinburgh Tales. 2 vols. 8vo.
Knight's Weekly Volume.
5589 Arabian Tales and Anecdotos.
5574 Biographical History of Philosophy. Vols. 1 & 2.
5561 British Manufactures: Metals.
5562 .. .. Chemical.
5559 .. .. Series 4 and 5.
5569 Cabinet Portrait Gallery, 3 vols.
5500 Camp of Refuge. 2 vols.
5578 Capital and Labour.
5572 Civil Wars of Rome. Series 1 and 2.
5555 Curiosities of Physical Geography. Series 1.
5495 Davis's Chinese. 4 vols. 18mo.
5584 Dialogues on Instinct.

Knight's Weekly Volume.
5492 Dutch in the Medway.
5494 Elephant, The
5528 ..
5485 History of British Commerce. 3 vols
5586 History of the Dog.
5557 Insect Architecture. 2 vols.
5528 Legend of Reading Abbey.
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5553 Spencer and his Poetry. 2 vols.
5488 Statesmen of the time of George III. 4 vols.
5576 Volume of Varieties.
1919 Kohlrausch's History of Germany. 8vo.
2288 Leatham's Lectures to Mechanics' Institutes.
5070 Life of Daniel De Foe.
1501 Literary World.
5069 London and Birmingham Railway Guide.
3465 Malcolm's (Sir John) Sketches of Persia.
4869 Martineau's Popular Tales. 8 vols.
2355 Marryat's Diary in America. 2 Series. 6 vols.
3463 Meredith's New South Wales.
2285 Mitchell's (Col) Fall of Napoleon. 3 vols.
2280 Mitford's History of Greece. 10 vols.
3460 Narrative of a Journey through the upper provinces of India.
5453 Redding's Shipwrecks and Disasters at Sea. 18mo.
1920 Reynolds on the Fine Arts.
2994 Roscoe's Life and Pontificate of Leo X.
2996 .. Life of Lorenzo de Medici.
Scoresby's (Rev. Dr.) Lectures on America. 12mo.
1907 Schlosser's History of the 18th Century. Vols. 5 & 6. 8vo.
4028 Sims on Mathematical Drawing Instruments.
2346 Strickland's Lives of the Queens of England 8 vols.
1753 Tales from the German.
3462 Travels in Egypt and Nubia.
1499 .. Syria and the Holy Land.
2284 Victor Hugo's Steam Voyage up the Rhine.
3467 Washington Irving's Bracebridge Hall.
3145 Waverley Novels. 2nd. set. 20 vols.
3466 Western Barbary, its wild tribes, &c.
4897 Year Book of Facts. 1844-45-46.

John Dale, Printer, Ivegate, Bradford.